

What is claimed is:

1. A pickup lens, comprising a first lens L_1 , having a meniscus shape with concave surface on the object side, and having negative refractive power; an aperture diaphragm S; a
5 second lens L_2 , with convex surfaces on both the object side and the image side, and having positive refractive power; a third lens L_3 , with concave surfaces on both the object side and the image side, and having negative refractive power; and
10 a fourth lens L_4 , with convex surfaces on both the object side and the image side, and having positive refractive power; and configured by arranging in order, from the object side, the first lens L_1 , the aperture diaphragm S, the second lens L_2 , the third lens L_3 , and the fourth lens L_4 ; and wherein at least
15 three lens surfaces among the surfaces of said first through fourth lenses are aspherical, and the following conditions are satisfied:

$$+5.0 < (r_2 + r_1) / (r_2 - r_1) < +7.0 \quad (1)$$

$$0.15f < d_1 < 0.3f \quad (2)$$

where r_1 is the radius of curvature of the object-side
20 surface of the first lens in the vicinity of the optical axis (axial radius of curvature); r_2 is the radius of curvature of the image-side surface of the first lens in the vicinity of the optical axis (axial radius of curvature); d_1 is the
thickness of the first lens; and, f is the focal length of the
25 entire system (the combined focal length of the lens system comprising the first, second, third, and fourth lenses).

2. The pickup lens according to Claim 1, wherein all the lenses comprised by the pickup lens are formed from plastic material.

3. The pickup lens according to Claim 1, wherein said
5 first lens L_1 , said second lens L_2 , and said fourth lens L_4 are lenses formed from material with an Abbe number in the range from 45 to 65, and said third lens L_3 is a lens formed from material with an Abbe number in the range from 25 to 35.

4. The pickup lens according to Claim 2, wherein, among
10 the lenses comprised by the pickup lens, said first lens L_1 , said second lens L_2 , and said fourth lens L_4 are lenses formed using a cycloolefin plastic, and said third lens L_3 is a lens formed from polycarbonate.

5. The pickup lens according to Claim 3, wherein the
15 distance from the object-side surface of said first lens to the image plane is 10 mm or less.

6. The pickup lens according to Claim 4, wherein the distance from the object-side surface of said first lens to the image plane is 10 mm or less.